

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	"2229401"	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:43
L2	12	"10027405"	EPO; JPO; DERWENT	OR	ON	2009/10/28 10:44
L5	0	("3787582").URPN.	USPAT	OR	OFF	2009/10/28 10:52
L6	1	"6365219".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 10:53
L7	2	("4051267"   "6024991").FN. OR ("6365219").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 10:55
L9	25	"353188"	EPO; JPO; DERWENT	OR	ON	2009/10/28 11:05
L10	1	(basidiomycotina or ascomycotina or ascomyc\$4 or Basidiomycetes or Coprinus or Phanerochaete or Coriolus or Trametes) and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pecto \$2lyase")	EPO; JPO; DERWENT	OR	ON	2009/10/28 11:21
L11	134	(basidiomycotina or ascomycotina or ascomyc\$4 or Basidiomycetes or Coprinus or Phanerochaete or Coriolus or Trametes) and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pecto \$2lyase")	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:23
L12	0	(basidiomycotina or ascomycotina or ascomyc\$4 or Basidiomycetes or Coprinus or Phanerochaete or Coriolus or Trametes) near ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pecto \$2lyase")	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:23

L13	1	(basidiomycotina or ascomycotina or ascomyc\$4 or Basidiomycetes or Coprinus or Phanerochaete or Coriolus or Trametes) with ("Pectin lyase" or "pectin transesterinase" or "endo-pectin lyase" or "polymethylgalacturonic transesterinase" or "pectin methyltransesterinase" or "pecto\$2lyase")	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:23
L14	4	"9806807"	EPO; JPO; DERWENT	OR	ON	2009/10/28 11:26
L15	2	435/223.ccls. and (basidiomycotina or ascomycotina or ascomyc\$4 or Basidiomycetes or Coprinus or Phanerochaete or Coriolus or Trametes) and pectinase	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:41
L16	1	"5912407".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 12:00
L17	15	111 and "426".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 12:30
L18	1	"5998197".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 13:18
L27	1	(isolated or pure or purified) near ((pectin near lyase) or pectinase) and (side near activities)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:33
L28	3	(isolated or pure or purified) near ((pectin near lyase) or pectinase) and ((enzyme or side) near activities)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 16:34
S1	151	426/50.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 12:13
S2	1	"5919500".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 12:28
S3	0	("2006204616").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/01 13:43
S4	0	("JP2006523442").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/01 13:43
S5	0	("JP2006523442").PN.	DERWENT	OR	OFF	2008/11/01 13:43
S6	1	("2006523442").PN.	DERWENT	OR	OFF	2008/11/01 13:43
S7	5	("3787582").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/11/01 13:54
S8	2	("6365219").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/11/01 13:54
S9	2	{"4051267"   "6024991").PN. OR ("6365219").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 14:03

S10	1	tea with (storage or storing or stored or shelf-life or "shelflife" or shelf-life or store or hold) with (haze or turbid or turbidity or hazy or cloud\$5) with enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 14:46
S11	18	("3812266"   "3959497"   "4051267"   "4109057"   "4639375"   "4748033"   "5043176"   "5258188").PN. OR ("5445836").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 14:52
S12	346357	tea and (storage or storing or stored or shelf-life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 14:53
S13	1141	S12 and ("Pectin lyase" or "pectin transesterase" or "endo-pectin lyase" or "polymethylgalacturonic transesterase" or "pectin methyltransesterase" or "pectolyase")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 14:57
S14	19954	S12 and ("Pectin lyase" or "pectin transesterase" or "endo-pectin lyase" or "polymethylgalacturonic transesterase" or "pectin methyltransesterase" or "pectolyase" or "PL" or "PNL" or "PMGL")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:05
S15	21	S14 and 426/50.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:05
S16	2513	tea and (storage or storing or stored or shelf-life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) and enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:35
S18	779	426/422.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:42
S19	4	426/422.ccls. and ("Pectin lyase" or "pectin transesterase" or "endo-pectin lyase" or "polymethylgalacturonic transesterase" or "pectin methyltransesterase" or "pectolyase" or "PL" or "PNL" or "PMGL") and tea	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:42
S20	559	426/597.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:43
S21	495	426/597.ccls. and tea	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:43
S22	70	426/597.ccls. and tea and (storage or storing or stored or shelf-life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud \$5) and enzym\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/01 15:44

S23	2513	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) and enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 17:25
S24	192	S23 and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "PL" or "PNL" or "FMGL")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 17:25
S25	70	426/597.cols. and tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud \$5) and enzym\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 09:56
S26	1	S25 and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "PL" or "PNL" or "FMGL")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 09:56
S27	18	("3812266"   "3959497"   "4051267"   "4109057"   "4639375"   "4748033"   "5043176"   "5258188").PN. OR ("5445836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 10:13
S28	7	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) and enzym\$5	EPO; JPO; DERWENT	OR	ON	2008/11/04 10:15
S29	7	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) and enzym\$5	DERWENT	OR	ON	2008/11/04 10:15
S30	5	("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase") and tea	EPO; JPO; DERWENT	OR	ON	2008/11/04 10:16
S31	76	("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "pectinase") and tea	EPO; JPO; DERWENT	OR	ON	2008/11/04 10:17

S32	346523	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 11:50
S33	1193	S32 and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 11:50
S34	4508	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 11:51
S35	24	S34 and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 11:51
S36	146	tea and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 11:52
S37	146	tea and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	US-PGPUB; USPAT	OR	ON	2008/11/04 11:52
S38	113	426/50.ccls.	US-PGPUB; USPAT	OR	ON	2008/11/04 14:41
S39	0	"3163539.pn"	US-PGPUB; USPAT	OR	ON	2008/11/04 16:12
S40	0	"3163539.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 16:12
S41	0	"3163539.pn."	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 16:12
S42	2	"3163539".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/04 16:12

S43	5	tea and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	EPO; JPO; DERWENT	OR	ON	2008/11/05 08:20
S44	5	tea and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pecto near3 lyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	EPO; JPO; DERWENT	OR	ON	2008/11/05 08:21
S45	5	tea and pectin near1 lyase	EPO; JPO; DERWENT	OR	ON	2008/11/05 08:22
S46	4	tea and ((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1))	DERWENT	OR	ON	2008/11/05 08:26
S47	2664	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) and enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:23
S48	1292	("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:23
S49	25	S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:23
S50	153	426/50.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 12:41
S51	383149	tea and (storage or storing or stored or shelf\$1life or "shelflife" or shelf-life or store or hold) and (haze or turbid or turbidity or hazy or cloud\$5) enzym\$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:43
S52	22361	S51 and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "PL" or "PNL" or "PMGL")	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:43

S53	567	S52 and "426".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:43
S54	6375	("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "PL" or "PNL" or "FMGL") and tea	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:47
S55	4	426/422.ccls. and ("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "PL" or "PNL" or "FMGL") and tea	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:48
S56	86	("Pectin lyase" or "pectin transeliminase" or "endo-pectin lyase" or "polymethylgalacturonic transeliminase" or "pectin methyltranseliminase" or "pectolyase" or "pectinase") and tea	EPO; JPO; DERWENT	OR	ON	2009/10/27 13:48
S57	0	((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1)) and (basidiomycotina or ascomycotina)	EPO; JPO; DERWENT	OR	ON	2009/10/27 13:50
S58	13	((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1)) and (basidiomycotina or ascomycotina)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 13:50
S59	0	((Pectin near3 lyase) or (pectin near3 transeliminase) or (endo near3 pectin near3 lyase) or (polymethylgalacturonic near3 transeliminase) or (pectin near3 methyltranseliminase) or (pectolyase) or (poly\$1methyl\$1 near3 galacturonic near3 \$5eliminase\$1)) and (basidiomycotina or ascomycotina)	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:22

S60	0	pectinase and (basidiomycotina or ascomycotina)	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:22
S61	30	pectinase and (basidiomycotina or ascomycotina)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:22
S62	0	pectinase near (basidiomycotina or ascomycotina)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:23

**EAST Search History (Interference)**

&lt; This search history is empty &gt;

**10/28/2009 4:45:21 PM****C:\Documents and Settings\jwatts\My Documents\EAST\Workspaces\10550996.wsp**